

ShieldBase™ 180

LAMINATED COVER BOARD

STOCK#

Film - 092500X, Sanded - 0925021

BOARDS PER PALLET: 65

PALLET SIZE: 104 cm x 244 cm

(41 in x 96 in)¹

BOARD LENGTH: 2.44 m (8 ft)

BOARD WIDTH: 0.914 m (3 ft)

AREA: 2.23 m² (24 ft²)

BOARD THICKNESS: 14.7 mm (0.58 in)

MEMBRANE THICKNESS: 2.2 mm (87 mils)

SELVAGE: 90 mm (3.5 in)

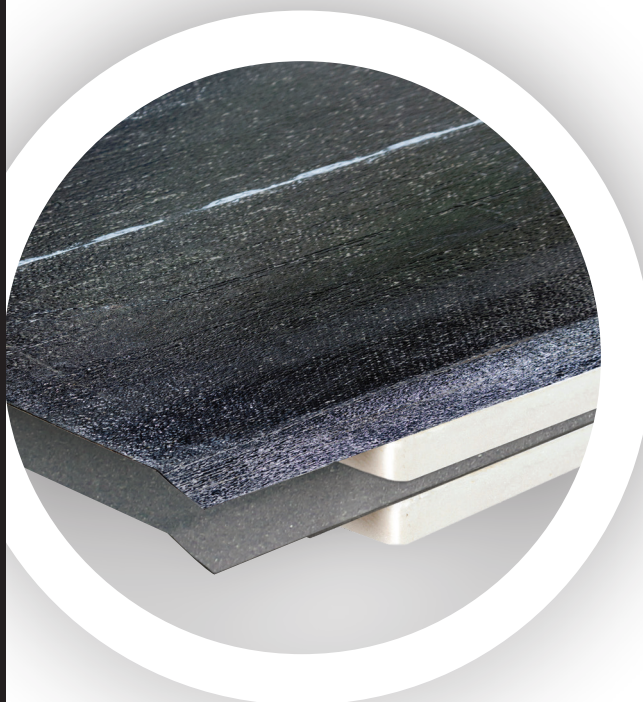
¹The loading and unloading at the receivers end must be done with minimum 6 ft fork extension (Note: extensions shorter than 6 ft may cause a safety issue)

Note: All reported values are nominal.



IKO®

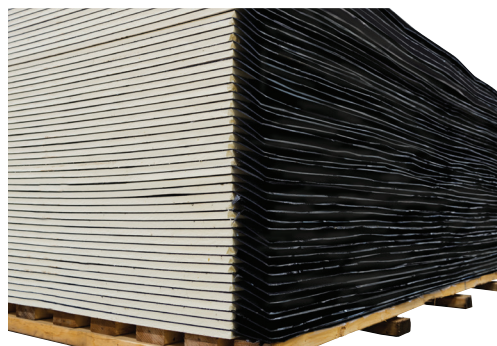
COMMERCIAL



Durable, lightweight and great for re-roofing applications, let ShieldBase 180 Specialty Cover Board go to work for your next commercial construction project.

ShieldBase™ 180

LAMINATED COVER BOARD



Reinforced for Extra Durability

IKO ShieldBase 180 Laminated Cover Boards are a composite of IKOTerm CoverShield polyiso insulation that is factory laminated to a 180 weight polyester reinforced SBS modified bitumen base sheet. The product is available in either a film top (ShieldBase 180) or sand top surface (ShieldBase 180 Sanded) to suit a variety of cap sheet installation techniques.

Dual Selvage, Easy to Install

The dual selvage self-adhering edges of the product allow easy joining of the base to the adjacent ShieldBase boards. This allows for a quick application of the roofing system's base layer.

Excellent for Re-Cover

ShieldBase 180 is an excellent choice for re-cover applications, reducing the dead weight load of the roofing system. The CoverShield layer of the product is a lightweight and rigid foam insulation with high thermal properties, offering outstanding insulation protection and an R-Value of 2.5.

Versatile Application Methods

ShieldBase 180 may be applied as a mechanically fastened system, offering a fastening pattern of 18" on-centre to reduce material and labour. Additionally, it may be adhered with IKO Millennium™ Adhesive or fully adhered with hot asphalt.

- STRONG BUT LIGHTWEIGHT
- DUAL SELVAGE

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LAMINATED COVER BOARD



COMMERCIAL

Product has been approved for inclusion in select CSA A123.21-14 tested assemblies for wind up-lift resistance.

Please contact your IKO Technical Representative for specific application details.

CHARACTERISTICS	UNITS	MEETS/ EXCEEDS	SPECIFICATION	TEST METHOD	STANDARD LIMITS
Reinforcement Type	—	—	—	—	Polyester
Tensile Strength (MD/XD) [Membrane]	kN/m (lbf/in)	✓	ASTM D6164	ASTM D5147	8.8/8.8 (50/50)
Ultimate Elongation (MD/XD) [Membrane]	%	✓	ASTM D6164	ASTM D5147	38/38
Tear Strength (MD/XD) [Membrane]	N (lbf)	✓	CGSB-37-56-M	CGSB-37-56-M	20/20 (4.5/4.5) ²
Cold Flex (Membrane)	°C (°F)	✓	ASTM D6164	ASTM D5147	-18 (0)
R-Value/RSI (Initial) [Board]	RSI (Btu·hr·ft ² · °F)	0.44 (2.5)	CAN/ULC S704	ASTM C518	N/A
Compressive Strength [Board]	kPa (psi)	620 (90)	CAN/ULC S704	ASTM D1621	N/A
Dimensional Stability @ 70°C (MD/XD) [Board]	%	✓	CAN/ULC S704	ASTM D2126	±2/±2
Water Absorption [Board]	%Vol.	✓	CAN/ULC S704	ASTM C209	3.5

²CGSB-3756-M revision, 9th draft, dated January, 1997. The information on this sheet is based on data considered to be true and accurate based on periodic internal testing and production measurements at time of manufacture. The information is offered solely for the user's consideration, investigation and verification. Nothing contained herein constitutes or represents a warranty or guarantee for which the manufacturer can be held legally responsible.